

**First  
Environmental  
Laboratories, Inc.**

IL ELAP / NELAC Accreditation # 100292  
1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

July 23, 2007

Ms. Lisa Graczyk  
**DYNAMAC CORPORATION**  
WESTON SOLUTIONS, INC.  
20 N. Wacker Drive Suite 1210  
Chicago, IL 60606-2901

Project ID: # 05-PC  
First Environmental File ID: 7-3225  
Date Received: July 20, 2007

Dear Ms. Lisa Graczyk:

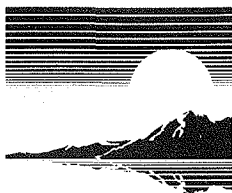
The above referenced project was analyzed as directed on the enclosed chain of custody record.

All analyses were performed in accordance with established methods and within established holding times. All Quality Control criteria as outlined in the methods and current IL ELAP/NELAP have been met unless otherwise noted. QA/QC documentation and raw data will remain on file for future reference. Our accreditation number is 100292 and our current certificate is number 001728: effective 04/13/07 through 02/28/08.

I thank you for the opportunity to be of service to you and look forward to working with you again in the future. Should you have any questions regarding any of the enclosed analytical data or need additional information, please contact me at (630) 778-1200.

Sincerely,

Stan Zaworski  
Project Manager



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**Case Narrative**

**DYNAMAC CORPORATION**

Project ID: # 05-PC

First Environmental File ID: 7-3225

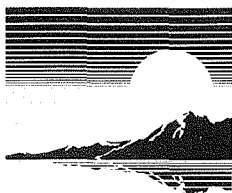
Date Received: July 20, 2007

Flag	Description	Flag	Description
<	Analyte not detected at or above the reporting limit.	L+	LCS recovery outside control limits; high bias.
B	Analyte detected in associated method blank.	L-	LCS recovery outside control limits; low bias.
C	Identification confirmed by GC/MS.	M	MS recovery outside control limits; LCS acceptable.
D	Surrogates diluted out; recovery not available.	M+	MS recovery outside control limits high bias; LCS acceptable.
E	Estimated result; concentration exceeds calibration range.	M-	MS recovery outside control limits low bias; LCS acceptable.
F	Field measurement.	N	Analyte is not part of our NELAC accreditation.
		ND	Analyte was not detected using a library search routine; No calibration standard was analyzed.
G	Surrogate recovery outside control limits; matrix effect.	P	Chemical preservation pH adjusted in lab.
H	Analysis holding time exceeded.	Q	The analyte was determined by a GC/MS database search.
J	Estimated result; concentration is less than calib range.	S	Analyte was sub-contracted to another laboratory for analysis.
K	RPD outside control limits.	T	Sample temperature upon receipt exceeded 0-6°C
RL	Routine Reporting Limit (Lowest amount that can be detected when routine weights/volumes are used without dilution.)	W	Reporting limit elevated due to sample matrix.

All quality control criteria, as outlined in the methods, have been met except as noted below or on the following analytical report.

**Sample Batch Comments:**

Sample acceptance criteria were met.



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**Analytical Report**

**Client:** DYNAMAC CORPORATION

**Date Collected:** 07/20/07

**Project ID:** # 05-PC

**Time Collected:** 8:15

**Sample ID:** PC-S-01-072007

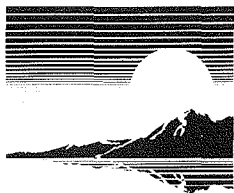
**Date Received:** 07/20/07

**Sample No:** 7-3225-001

**Date Reported:** 07/23/07

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Solids, Total</b> <b>Method: 160.3</b>				
Analysis Date: 07/20/07				
Total Solids	82.35		%	
<b>BTEX Organic Compounds</b> <b>Method: 5035A/8260B</b>				
Analysis Date: 07/20/07				
Benzene	< 2.0	2.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	
<b>Polynuclear Aromatic Hydrocarbons</b> <b>Method: 8270C</b> <b>Preparation Method 3540C</b>				
Analysis Date: 07/23/07				
			Preparation Date: 07/23/07	
Acenaphthene	< 50	50	ug/kg	
Acenaphthylene	< 50	50	ug/kg	
Anthracene	< 50	50	ug/kg	
Benzo(a)anthracene	< 8.7	8.7	ug/kg	
Benzo(a)pyrene	< 15	15	ug/kg	
Benzo(b)fluoranthene	< 11	11	ug/kg	
Benzo(k)fluoranthene	< 11	11	ug/kg	
Benzo(ghi)perylene	< 50	50	ug/kg	
Carbazole	< 330	330	ug/kg	
Chrysene	< 50	50	ug/kg	
Dibenzo(a,h)anthracene	< 20	20	ug/kg	
Fluoranthene	< 50	50	ug/kg	
Fluorene	< 50	50	ug/kg	
Indeno(1,2,3-cd)pyrene	< 29	29	ug/kg	
2-Methylnaphthalene	< 50	50	ug/kg	
Naphthalene	< 25	25	ug/kg	
Phenanthrene	< 50	50	ug/kg	
Pyrene	< 50	50	ug/kg	



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**Analytical Report**

**Client:** DYNAMAC CORPORATION

**Project ID:** # 05-PC

**Sample ID:** PC-S-02-072007

**Sample No:** 7-3225-002

**Date Collected:** 07/20/07

**Time Collected:** 8:00

**Date Received:** 07/20/07

**Date Reported:** 07/23/07

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Solids, Total</b> <b>Method: 160.3</b>				
Analysis Date: 07/20/07				
Total Solids	76.53		%	
<b>BTEX Organic Compounds</b> <b>Method: 5035A/8260B</b>				
Analysis Date: 07/20/07				
Benzene	< 2.0	2.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	
<b>Polynuclear Aromatic Hydrocarbons</b> <b>Method: 8270C</b> <b>Preparation Method 3540C</b>				
Analysis Date: 07/23/07				
			Preparation Date: 07/23/07	
Acenaphthene	< 50	50	ug/kg	
Acenaphthylene	< 50	50	ug/kg	
Anthracene	< 50	50	ug/kg	
Benzo(a)anthracene	< 8.7	8.7	ug/kg	
Benzo(a)pyrene	< 15	15	ug/kg	
Benzo(b)fluoranthene	< 11	11	ug/kg	
Benzo(k)fluoranthene	< 11	11	ug/kg	
Benzo(ghi)perylene	< 50	50	ug/kg	
Carbazole	< 330	330	ug/kg	
Chrysene	< 50	50	ug/kg	
Dibenzo(a,h)anthracene	< 20	20	ug/kg	
Fluoranthene	< 50	50	ug/kg	
Fluorene	< 50	50	ug/kg	
Indeno(1,2,3-cd)pyrene	< 29	29	ug/kg	
2-Methylnaphthalene	< 50	50	ug/kg	
Naphthalene	< 25	25	ug/kg	
Phenanthrene	< 50	50	ug/kg	
Pyrene	< 50	50	ug/kg	

EPA Contract Number: EP-S5-06-04

## CHAIN OF CUSTODY RECORD

Site #: 05-PC

**Contact Name:** Marcella Bondie

**Contact Phone: 312-446-4399**

**No: 05-PC-07/20/07-0005**

Cooler #: 1

## Lab: First Environmental

Lab Phone: 630-778-1200

Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Collected	Num b Cont	Container	Preservati ve	Coll Method	Sample Time	Depth Units
1001	PC-S-01-072007	Area 143	Bottom	BTEX	Soil	7/20/2007	1	40oz vial	Methanol	Grab	815	10 feet
	PC-S-01-072007	Area 143	Bottom	BTEX	Soil	7/20/2007	2	40oz vial	Na2SO4	Grab	815	10 feet
	PC-S-01-072007	Area 143	Bottom	PAH, 2-methylnaphthalene, carbazole	Soil	7/20/2007	1	Jar	4 C	Composite	815	10 feet
1002	PC-S-02-072007	Area 129	Bottom	BTEX	Soil	7/20/2007	1	40oz vial	Methanol	Grab	800	10 feet

Special Instructions: 24 hr TAT. Sampler = M Bondie	SAMPLES TRANSFERRED FROM
	CHAIN OF CUSTODY #

[illegible]

**US EPA Emergency Response Branch**  
**START III, Chicago, IL**  
**EPA Contract Number: EP-S5-06-04**

## CHAIN OF CUSTODY RECORD

Site #: 05-PC  
Contact Name: Marcella Bondie  
Contact Phone: 312-446-4399

**No: 05-PC-07/20/07-0005**

Cooler #: 1  
Lab: First Environmental  
Lab Phone: 630-778-1200

[illegible]

Special Instructions:	SAMPLES TRANSFERRED FROM
	CHAIN OF CUSTODY #

[illegible]